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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bessette et al \*

Serial No. 10/023,145 \*

Filed: December 18, 2001 \*

For: PESTICIDAL ACTIVITY OF PLANT \*  
ESSENTIAL OILS AND THEIR \*  
CONSTITUENTS \*

Art Unit: 1616

Examiner: (to be assigned)

INFORMATION DISCLOSURE STATEMENT

To the Honorable Commissioner  
of Patents and Trademarks  
Arlington, VA 22202

Dear Sir:

In accordance with 37 C.F.R. §1.56, applicant wishes to call the attention of the Examiner to  
the following references:

<u>Inventor(s)</u>	<u>U.S. Patent Nos.</u>
Inazuka et al	4,219,570
Hink et al	4,933,371
Bansemir et al	5,030,659
Morita	5,110,594
Eichhoefer	5,118,506
Knight	5,439,690
Rod	5,653,991
Emerson et al	5,676,958
Howse	5,900,244

Foreign Patent Documents

<u>Country</u>	<u>Document No.</u>
Germany	DE 42 31 045 A 1

Other Documents

James A. Nathanson and Edward J. Hunnicutt, "N-DEMETHYLCHLORDIMEFORM A POTENT PARTIAL AGONIST OF OCTOPAMINE-SENSITIVE ADENYLATE CYCLASE"; Molecular Pharmacology, 20:68-75; February 5, 1981

James A. Nathanson, "PHENYLIMINOIMIDAZOLIDINES CHARACTERIZATION OF A CLASS OF POTENT AGONISTS OF OCTOPAMINE-SENSITIVE ADENYLATE CYCLASE AND THEIR USE IN UNDERSTANDING THE PHARMACOLOGY OF OCTOPAMINE RECEPTORS"; Molecular Pharmacology, 28:254-268; June 5, 1985

Joel M. Wierenga and Robert M. Hollingworth, "OCTOPAMINE UPTAKE AND METABOLISM IN THE INSECT NERVOUS SYSTEM"; Journal of Neurochemistry; June 29, 1989; pages 479-489.

A. Guillen et al, "A possible new class of octopamine receptors coupled to adenylate cyclase in the brain of the dipterous *Ceratitis capitata*. Pharmacological characterization and regulation of 3H-octopamine binding", LIFE SCI., Vol. 45, No. 7, 1989, pages 655-662.

W. Hertel et al, "The octopaminergic system of the invertebrates and its importance as insecticide target", BIOL. RUNDSCHAU, Vol. 27, No. 6, 1989, pages 307-317.

Coats, J. R. et al, "Toxicity and Neurotoxic Effects of Monoterpenoids in Insects and Earthworms", ACS SYMPOSIUM SERIES, 1991, pages 305-316.

JP 01 016 706 A (MIKASA KAGAKU KIGYO KK), "Non-Toxic Insecticide Composition", abstract.

JP 05 039 203 A (EARTH SEIYAKU KK), "Safe Miticidal Compositions Having No Residual Toxicity", abstract.

JP 04 091 003 A (JUMOKU CHUSHUTSUSEI), Acaracide Containing Alkyl- or Aralkyl Eugenol or Iso-eugenol", abstract.

Docket No.: 21409-PA-CIP  
Inventor: Bessette et al  
Serial No.: 10/023,145

JP 52 110 823 A (TAKASAGO PERFUMERY CO LTD),  
"Insecticides Containing a 10C Ether", abstract.

JP 02 049 703 A (UNIV KINKI GH), "Insecticidal Composition for  
Killing Thrips Insects", abstract.

JP 04 149 103 A (TAISHO PHARM CO LTD), "Acaricidal  
Composition to Control Indoor Dust Mites:", abstract.

PATENT ABSTRACT OF JAPAN, JP 04 059703, Application No.  
02166735 (T. Hasegawa Co., Ltd.), abstract.

PATENT ABSTRACTS OF JAPAN, JP 59 222402 A, Application No.  
58098489 (OTSUKA KAGU KOGYO KK), abstract.

Dev and Koul, "Insecticides of Natural Origin", Harwood Academic  
Publishers, Amsterdam 1997, pp. vii, viii, and 5 and 47-58.

Metcalf and McKelvey, Jr., editors, "The Future for Insecticides, Needs  
and Prospects", Wiley-Interscience, New York, 1976, pp. 97-113.

King, W. V., Chemicals Evaluated as Insecticides and Repellents at  
Orlando, Fla., Agricultural Handbook No. 69, U.S. Dept. of  
Agriculture, 1954, pp. 1-19, 26, 174 and 255.

Applicant respectfully submits that the above-mentioned references taken alone or in  
combination neither anticipate nor render obvious the present invention. Consideration of the  
foregoing and the making of the references formally of record in the instant application is respectfully  
requested.

Copies of the references were provided in the parent application.

Docket No.: 21409-PA-CIP  
Inventor: Bessette et al  
Serial No.: 10/023,145

Respectfully submitted,

May 1, 2002  
Date

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RMG/jjr (4-30-02)

CERTIFICATE OF TRANSMISSION

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